

Name: _____

Date: _____

Calculus: Using the Power Rule

Mr. Callahan

For each of the following write an equation of the line tangent at the given x value

1) $f(x) = 3x^4 - 2x^3 + 7x - 5$ when $x = 2$

2) $f(x) = 5\sqrt{x} - \frac{3}{x^2}$ when $x = 1$